

AMENDMENTS TO THE CLAIMS:

The following claim listing will replace all previous listings of the claims:

1-91. (Cancelled)

92. (Currently amended) An isolated nucleic acid comprising a sequence of nucleotides encoding or complementary to a sequence encoding a flavonoid methyltransferase (FMT) which FMT methylates anthocyanins, said sequence of nucleotides comprising a nucleotide sequence selected from the ~~listing~~group consisting of:

- (i) the nucleotide sequence set forth in SEQ ID NO:11;
- (ii) a nucleotide sequence having at least ~~about 70%~~95% identity after optimal alignment to SEQ ID NO:11;
- (iii) ~~a nucleotide sequence capable of hybridizing under high stringency conditions to SEQ ID NO:11 or its complementary form;~~
- (iv) a nucleotide sequence encoding the amino acid sequence set forth in SEQ ID NO:12; and
- (v) a nucleotide sequence encoding an amino acid sequence having at least ~~about 80%~~95% identity after optimal alignment to SEQ ID NO:12; and
- (vi) ~~a nucleotide sequence capable of hybridizing under high stringency conditions to the nucleotide sequence in (iv) or (v) or its complementary form.~~

93. (Currently amended) The isolated nucleic acid of claim 92, wherein said sequence of nucleotides comprises a nucleotide sequence having at least ~~about~~ 95% identity after optimal alignment to SEQ ID NO:11.

94. (Currently amended) The isolated nucleic acid of claim 92, wherein said sequence of nucleotides comprises a nucleotide sequence encoding an amino acid sequence having at least ~~about~~ 95% identity after optimal alignment to SEQ ID NO:12.

95. (Previously presented) The isolated nucleic acid molecule of claim 92 wherein the FMT is a Class I *S*-adenosyl-L-methionine *O*-methyltransferase (SAM-OMTs).
96. (Previously presented) The isolated nucleic acid molecule of claim 92 wherein the FMT is 3'FMT or 3'5'FMT.
97. (Previously Presented) The isolated nucleic acid molecule of claim 92 wherein said anthocyanin is a derivate of delphinidin.
98. (Previously Presented) The isolated nucleic acid molecule of claim 92 wherein said anthocyanin is a derivative of petunidin or cyanidin.
99. (Previously Presented) The isolated nucleic acid molecule of claim 92 wherein said anthocyanin is delphinidin 3-glucoside, delphinidin 3,5-diglucoside or delphinidin 3-rutinoside.
100. (Currently amended) A genetic construct comprising a nucleic acid molecule encoding or complementary to a sequence encoding a flavonoid methyltransferase (FMT) which methylates anthocyanins, the genetic construct comprising the nucleotide sequence selected from the listgroup consisting of:

- (i) the nucleotide sequence set forth in SEQ ID NO:11;
- (ii) a nucleotide sequence having at least ~~about 70%~~95% identity after optimal alignment to SEQ ID NO:11;
- (iii) ~~a nucleotide sequence capable of hybridizing under high stringency conditions to SEQ ID NO:11 or its complementary form;~~
- (iv) a nucleotide sequence encoding the amino acid sequence set forth in SEQ ID NO:12; and
- (~~v~~v) a nucleotide sequence encoding an amino acid sequence having at least ~~about 80%~~95% identity after optimal alignment to SEQ ID NO:12; and
- (vi) ~~a nucleotide sequence capable of hybridizing under high stringency conditions to~~

~~the nucleotide sequence in (iv) or (v) or its complementary form.~~

101. (Currently amended) The genetic construct of claim 100, wherein said sequence of nucleotides comprises a nucleotide sequence having at least ~~about~~ 95% identity after optimal alignment to SEQ ID NO:11.

102. (Currently amended) The genetic construct of claim 100, wherein said sequence of nucleotides comprises a nucleotide sequence encoding an amino acid sequence having at least ~~about~~ 95% identity after optimal alignment to SEQ ID NO:12.

103. (Currently amended) A genetically modified plant or part thereof or cells therefrom comprising an isolated genetic material encoding or complementary to a sequence encoding a flavonoid methyltransferase (FMT) which methylates anthocyanins, the isolated genetic material comprising a nucleotide sequence selected from the ~~list~~group consisting of:

- (i) the nucleotide sequence set forth in SEQ ID NO:11;
- (ii) a nucleotide sequence having at least ~~about 70%~~95% identity after optimal alignment to SEQ ID NO:11;
- (iii) ~~a nucleotide sequence capable of hybridizing under high stringency conditions to SEQ ID NO:11 or its complementary form;~~
- (iv) a nucleotide sequence encoding the amino acid sequence set forth in SEQ ID NO:12; and
- (v) a nucleotide sequence encoding an amino acid sequence having at least ~~about 80% similarity~~95% identity after optimal alignment to SEQ ID NO:12; and
- (vi) ~~a nucleotide sequence capable of hybridizing under high stringency conditions to the nucleotide sequence in (iv) or (v) or its complementary form.~~

104. (Currently amended) The genetically modified plant or part thereof or cells of claim 103, wherein said sequence of nucleotides comprises a nucleotide sequence having at least ~~about~~ 95% identity after optimal alignment to SEQ ID NO:11.

105. (Currently amended) The genetically modified plant or part thereof or cells of claim 103, wherein said sequence of nucleotides comprises a nucleotide sequence encoding an amino acid sequence having at least ~~about~~ 95% identity after optimal alignment to SEQ ID NO:12.

106. (Previously presented) The genetically modified plant or part thereof or cells therefrom of claim 103 wherein said plant or part thereof or cells therefrom is from a cut-flower species.

107. (Previously presented) The genetically modified plant or part thereof or cells therefrom of claim 103 wherein said plant or part thereof or cells therefrom is a horticultural plant species.

108. (Previously presented) The genetically modified plant or part thereof or cells therefrom of claim 103 wherein said plant or part thereof or cells therefrom is an agricultural plant species.

109. (Previously presented) The genetically modified plant or part thereof or cells thereof of any one of claims 106-108 wherein the plant exhibits altered flowers or inflorescence.

110. (Previously presented) The genetically modified plant or part thereof or cells therefrom of any one of claims 106-108 wherein said altered part is a sepal, bract, petiole, peduncle, ovary or anther stem.

111. (Previously presented) The genetically modified plant or part thereof or cells therefrom of any one of claims 106-108 wherein said altered part is a leaf, root, flower, seed, fruit, nut, berry or vegetable.

112. (Previously presented) Flowers cut or severed from the plant of claim 106 or 107.

113. (Currently amended) Progeny, offspring of progeny or vegetative propagated lines of the genetically modified plant of ~~any one of claims~~claim 106 wherein the progeny or offspring of said progeny comprise the isolated genetic material.

114. (Withdrawn) An extract from a plant or plant part of claim 106 or 107.

115. (Withdrawn) The extract of claim 114 wherein the extract is a flavoring or food additive or health product or beverage or juice or coloring.

116-117. (Canceled)